



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.40830VX1	SERIAL NO. 09/986,577
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HIROI, et al.	
		FILING DATE November 9, 2001	GROUP 2625

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
JS	AA	4,989,156	01-1991	O. Ikenaga		
JS	AB	5,850,467	12-15-98	Matsui, et al.		
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	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
						Yes	No
JS	AM	61-278706	1986	Japan			
	AN	02-146682	1990	Japan			
	AO	03-085742	1991	Japan			
	AP	05-258703	1993	Japan			
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	Date Considered	6/22/06